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Patent 10/20/98

Attorney's Docket No. 027556-431

# IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Reissue Application of	)	
U.S. Patent No. 5,327,577 to	)	<b><u>VIA FACSIMILE TRANSMISSION</u></b>
Jan-Erik UDDENFELDT et al.	)	
Application No.: 08/938,832	)	Group Art Unit: 2746
Filed: September 26, 1997	)	Examiner: E. Urban
For: HANDOVER METHOD FOR	)	
MOBILE RADIO SYSTEM	)	

## HOUSEKEEPING AMENDMENT

Assistant Commissioner for Patents  
Washington, D.C. 20231

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Sir:

Please make the following amendments to claims previously and erroneously labeled as 34, 35 and 36. These claims are being renumbered as 27, 28 and 29 where claim 27 corresponds to previously submitted claim 34, claim 28 corresponds to previously submitted claim 35 and claim 29 corresponds to previously submitted claim 36.

---27. A method of communication in a cellular mobile radio system having a plurality of base station transmitters and mobile stations comprising the steps of:  
transmitting, from a first base station transmitter, radio signals digitally modulated with message information to a mobile station;  
while transmitting the radio signals from the first base station transmitter to the mobile station, beginning to transmit from a second base station transmitter to the mobile station radio signals digitally modulated with substantially the same message information;

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receiving, at said mobile station, radio signals from both said first and said second base station;

performing, at said mobile station, a correlation between said received radio signals and a predetermined pattern;

combining, in said mobile station, information transmitted by said first base station transmitter and information transmitted by said second base station transmitter to reconstruct said message information; and

terminating the transmission from the first base station transmitter to the mobile station while continuing to transmit from the second base station transmitter radio signals digitally modulated with message information to the mobile station.

28. A method of communication in a cellular mobile radio system having a plurality of base station transmitters and mobile stations comprising the steps of:

transmitting, from a first base station transmitter, radio signals digitally modulated with message information to a mobile station;

while transmitting the radio signals from the first base station transmitter to the mobile station, beginning to transmit from a second base station transmitter to the mobile station radio signals digitally modulated with substantially the same message information;

combining, in said mobile station, information transmitted by said first base station transmitter and information transmitted by said second base station transmitter using information received from a strongest signal path as well as other signal paths received within a reception window to reconstruct said message information; and

terminating the transmission from the first base station transmitter to the mobile station while continuing to transmit from the second base station transmitter radio signals digitally modulated with message information to the mobile station.

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29. The method of any one of claims 1, 4, 7, 11, 15, 18, and 21 wherein said step of combining further comprises the step of:  
using an adaptive equalizer to reconstruct said message information. ---

#### REMARKS

Applicants wish to thank SPRE Dixon for bringing the misnumbering of these claims to the attention of the undersigned. Claims that were previously labeled as 34, 35 and 36 should in fact have been labeled as 27, 28 and 29. No other changes have been made to these claims. As a result of this amendment, the claims remaining in the application are 1-21 and 27-29 and have been accurately labeled.

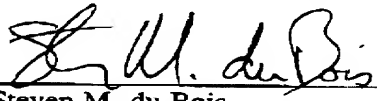
The Commissioner is hereby authorized to charge any fees under 37 C.F.R. §§ 1.16 and 1.17 that may be required by this paper, and to credit any overpayment, to Deposit Account No. 02-4800.

Should the Examiner have any questions, he is urged to contact the undersigned at (703) 836-6642.

Respectfully submitted,

BURNS, DOANE, SWECKER & MATHIS, L.L.P.

By: \_\_\_\_\_

  
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Date: October 22, 1998

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FROM: **Kris Kalidindi**

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